

Sai Vinay Bayyapunedi

Product Designer (UX/UI Focused) | Junior Full Stack Developer

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Professional Summary

Product Designer (UX/UI Focused) who also ships production front-end, combining human-centred design with modern web engineering (React, Node.js, REST APIs, SQL/MongoDB). Builds token-driven design systems that live in Figma and code at the same time, and applies emerging design-to-code workflows such as Figma Make and the Figma MCP to translate design intent directly into shipped interfaces. Proven across startup, corporate, and enterprise environments, delivering end-to-end products across AI, fintech, travel, and real estate, from research and design systems through to production code that is live and used daily.

Areas of Expertise

Product & UX: UX/UI Design, Wireframing, Prototyping, Design Systems, Usability Testing, Accessibility

Frontend Engineering: HTML, CSS, JavaScript (ES6+), React, Component-Based Architecture, Responsive Design

Backend Engineering: Node.js, Express.js, REST API Design, System Architecture

Databases: MongoDB, SQL

Testing & Quality: Jest, Debugging, Code Validation, Performance Optimization

Development Workflow: Design-to-Code Systems, Code-Generation Workflows, Manual Code Validation Workflows

Tools: Figma, Git/GitHub, Antigravity, Vercel

Collaboration & Delivery: Stakeholder Management, Cross-Functional Collaboration, Product Delivery

Professional Experience

Product Designer (UX/UI Focused) / Junior Full Stack Developer - Atirath Technologies Pvt Ltd

January 2025 - Present | Sydney, Australia / Remote Collaboration with India

- Led the end-to-end product design lifecycle for Enterprise AI Products across travel (Thomas Cook Pvt Ltd.) and banking (DCB Bank), spanning stakeholder requirement gathering and user research, competitor analysis, design system creation, iterative wireframing (lo-fi to hi-fi), usability testing, and cross-functional design-to-engineering handoff.
- Designed and documented a scalable design system framework, powered by AI-to-Figma automation workflows, that enables rapid generation of consistent, reusable component libraries deployable across individual products and multi-product families under a shared design language.
- Produced comprehensive, high-fidelity responsive designs in Figma covering all user workflows, business requirements, and end-user needs, with complete component coverage, interaction states, and developer-ready specifications to enable accurate, friction-free translation into production code.

- Explored and implemented emerging design-to-code rule-based workflows, including Figma Make and Figma MCP Server integrations, to bridge the gap between design and development, reduce handoff overhead, and accelerate the translation of design intent into functional interfaces.
- Extended ownership beyond design by actively contributing to frontend (React), backend (Node.js, Express), and deployment pipelines, building working knowledge of the full development stack to better inform design decisions and own end-to-end product delivery workflows.

UX/UI Designer - Atirath Technologies Pvt Ltd

August 2024 - January 2025 | Sydney, Australia / Remote Collaboration with India

- Operated under high-accountability conditions with tight delivery expectations, developing rigorous end-to-end UX/UI design discipline across enterprise and AI-driven products.
- Translated complex product requirements into structured design briefs through close collaboration with stakeholders and internal teams, ensuring design direction aligned with both business goals and user needs from day one.
- Conducted user research and competitor analysis to ground every design decision in real-world context, identifying gaps, benchmarking best practices, and surfacing insights that shaped product strategy.
- Executed iterative design cycles from lo-fi sketching through high-fidelity wireframes, maintaining continuous feedback loops with engineering and product stakeholders to progressively sharpen and validate design intent.
- Refined wireframes into polished, interaction-rich prototypes that accurately represented the final product experience, enabling meaningful usability validation before development handoff.
- Deepened expertise in Figma-based handoff workflows, including component specifications, annotation standards, and asset organisation, to minimise friction between design and engineering and ensure accurate, efficient translation into production interfaces.

UX/UI Design Intern - HOME789 Group

March 2024 - October 2024 | Sydney, Australia

- Led end-to-end brand design and web presence for SBP Realty, a sub-brand under HOME789 Group, owning the full scope from brand direction through to a fully built, live website.
- Grounded all design decisions in competitor research and UX artefacts including user journey maps, ensuring the SBP Realty brand positioning and site structure reflected real user behaviour and market context.
- Executed an iterative design process in Figma, moving from low-fidelity wireframes defining page structure and content hierarchy through to a refined high-fidelity visual direction ready for production.
- Built the final website using Elementor within WordPress, constructing full webpage layouts, content, and structure directly through the CMS, and translating design artefacts into production-ready pages end-to-end.
- Applied SEO best practices throughout the build using WordPress CMS tooling, developing a working understanding of how design, content, and structural decisions directly influence search visibility.

UX/UI Design Intern - AEK Media

July 2023 - September 2023 | Sydney, Australia

- Thrived in a fast-paced startup environment with demanding deadlines and high design expectations, rapidly mastering Figma under pressure to meet professional delivery standards from day one.
- Applied that foundation directly to producing high-fidelity wireframes for SupplyScope, developing core design execution skills that became the bedrock of all subsequent professional experience.
- Gained early exposure to Australian startup work culture and cross-functional collaboration, building the professional discipline and communication habits that carried through every role that followed.

Achievements

- Owned the end-to-end product design lifecycle of a POC AI Banking Platform for DCB Bank, directly contributing to a signed purchase order for three official AI products, marking a significant commercial milestone for Atirath Technologies.

- Owned the product design lifecycle of the Tacy AI Chatbot, now live on the Thomas Cook website and serving thousands of active travel consumers daily.
- Built the SBP Realty brand and web presence from the ground up, taking the brand from zero visibility to an active platform where realtors were listing properties and generating real leads by end of internship (Realtors are still listing properties on the website leading to active leads for HOME789).
- Designed and built the Atirath Technologies website from scratch, establishing the company's primary digital presence end-to-end.

Education

Bachelor of Computing Science (Honours) - University of Technology Sydney

February 2020 - July 2024

- First Class Honours
- Thesis on Human-Computer Interaction in the automotive industry
- Dean's List for IT (2021)

Certifications

- University of Michigan - Introduction to HTML5, Python Programming, Python Data Structures, Using Python to Access Web Data
- IBM - Machine Learning with Python, Data Visualization with Python, Data Analysis with Python
- Google AR & VR - Introduction to Augmented Reality
- Meta Full-Stack Developer Certificate (In Progress)

Awards

- Dean's List (Information Technology, 2021) - University of Technology Sydney